

BIOME

**Group of ecosystems that
have the same climate and
similar dominant organisms**

Grouped geographically

Terrestrial Biomes

(LAND)

Tropical Rain Forest



- Soil
 - Nutrient poor
- Climate
 - Hot and wet
- Plants and Animals
 - Canopy and understory
 - Home to more species than other biomes combined



Vines, broad leaves, orchids

Sloths, jaguars, monkeys, toucans, piranhas, boas, butterflies

Tropical Savanna

- Soil
 - Some nutrients
- Climate
 - Seasonal rainfall
 - Frequent fires
- Plants and Animals
 - Cover of grasses
 - Isolated trees

Tall grasses

Lions, cheetahs, elephants, zebras



Desert



- Soil
 - Thin and porous
- Climate
 - Hot days and cold nights
 - Less than 25cm of precipitation per year
- Plants and Animals

Cacti

Mountain lions, bats, kangaroo rats



Temperate Grassland

- Soil
 - Fertile
- Climate
 - Warm/hot summers
 - Cold winters
- Plants and Animals

Lush grasses

Coyotes, bears, bison, hawks

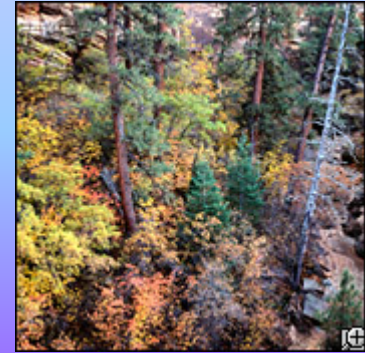


Temperate Forest

- OUR BIOME
- Soil
 - Fertile
- Climate
 - Cold winters/warm summers
 - Striking seasonal changes
- Plants and Animals

Deciduous and coniferous trees

Deer, black bears, raccoons



Coniferous Forest

- AKA: “Boreal Forest”
- Soil
 - Taiga “Swamp Forest”
- Climate
 - Long, cold winters
 - Abundant precipitation
- Plants and Animals



Redwood, Needle-leaf conifers (fir, spruce)

Lynx, moose, beavers, bears, elk, owls, weasels

Tundra



- Soil

- *Permafrost* =

- Perpetually frozen layer of soil

- Climate

- Strong winds

- Plants and Animals

Mosses, lichens

Caribou, snowy owl

